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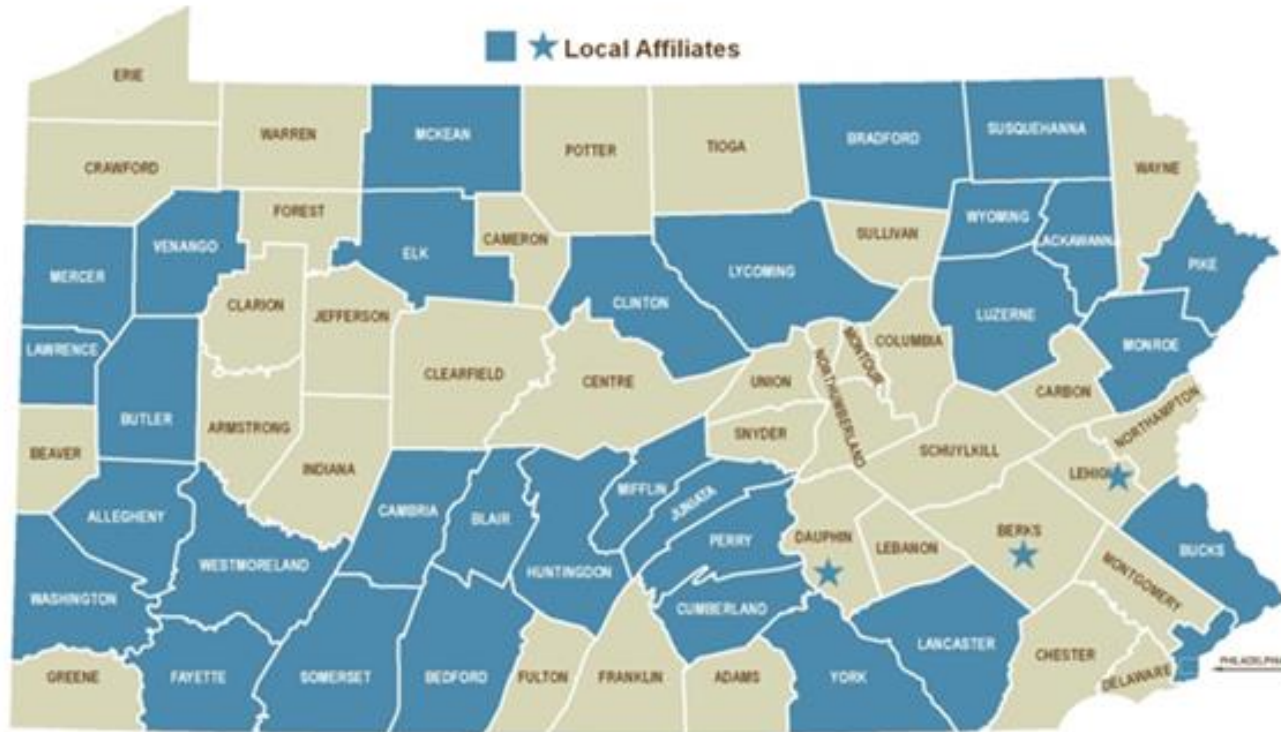
www.keeppabeautiful.org | www.gacofpa.org

www.illegaldumpfreepa.org

Mission, Vision and Values

- Empowering Pennsylvanians to make their communities clean and beautiful
- What we Believe:
 - People and places are profoundly connected.
 - Thriving communities are rooted in individual responsibility and action.
 - Behavior change, including education, is the foundation for lasting impact.
 - Positive change happens when people work together.

Affiliate Network





Notable Programs

- Great American Cleanup of Pennsylvania
- DCED-Furlough Into Service Program- Washington County
- Illegal Dump Survey Program (2005-2013)
- Forest Lands Beautiful Program (1999-2005)
- Illegal Dump Free PA



By the Numbers

- Pounds of Trash - 113,443,367
- Tires - 776,873
- Number of Volunteers – 1,866,442
- Value of Volunteer Hours - \$145,777,198
- In Kind - \$3,502,440

What are Illegal Dumpsites?

- Areas of concentrated trash
- Areas of scattered trash that:
 - Are not considered roadside litter
 - Appear to have new trash thrown on them occasionally (twice a year)
- Areas containing only large piles of yard waste
- Areas containing isolated or solitary items (i.e. 1 or 2 appliances or tires and may or may not be dumped on in the future)

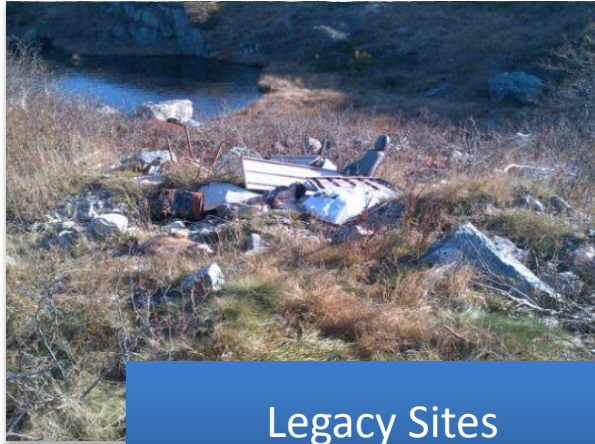


What are Illegal Dumpsites?



KEEP
PENNSYLVANIA
Beautiful
KEEP AMERICA BEAUTIFUL AFFILIATE

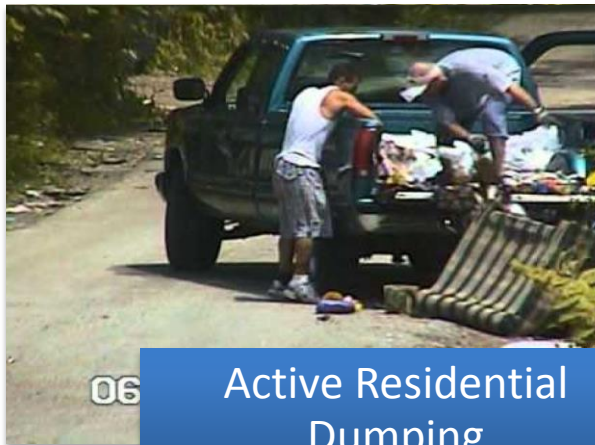
Common Label with Distinct Issues



Legacy Sites



Active Commercial
Dumping



Active Residential
Dumping



Theft of Service
Public & Private

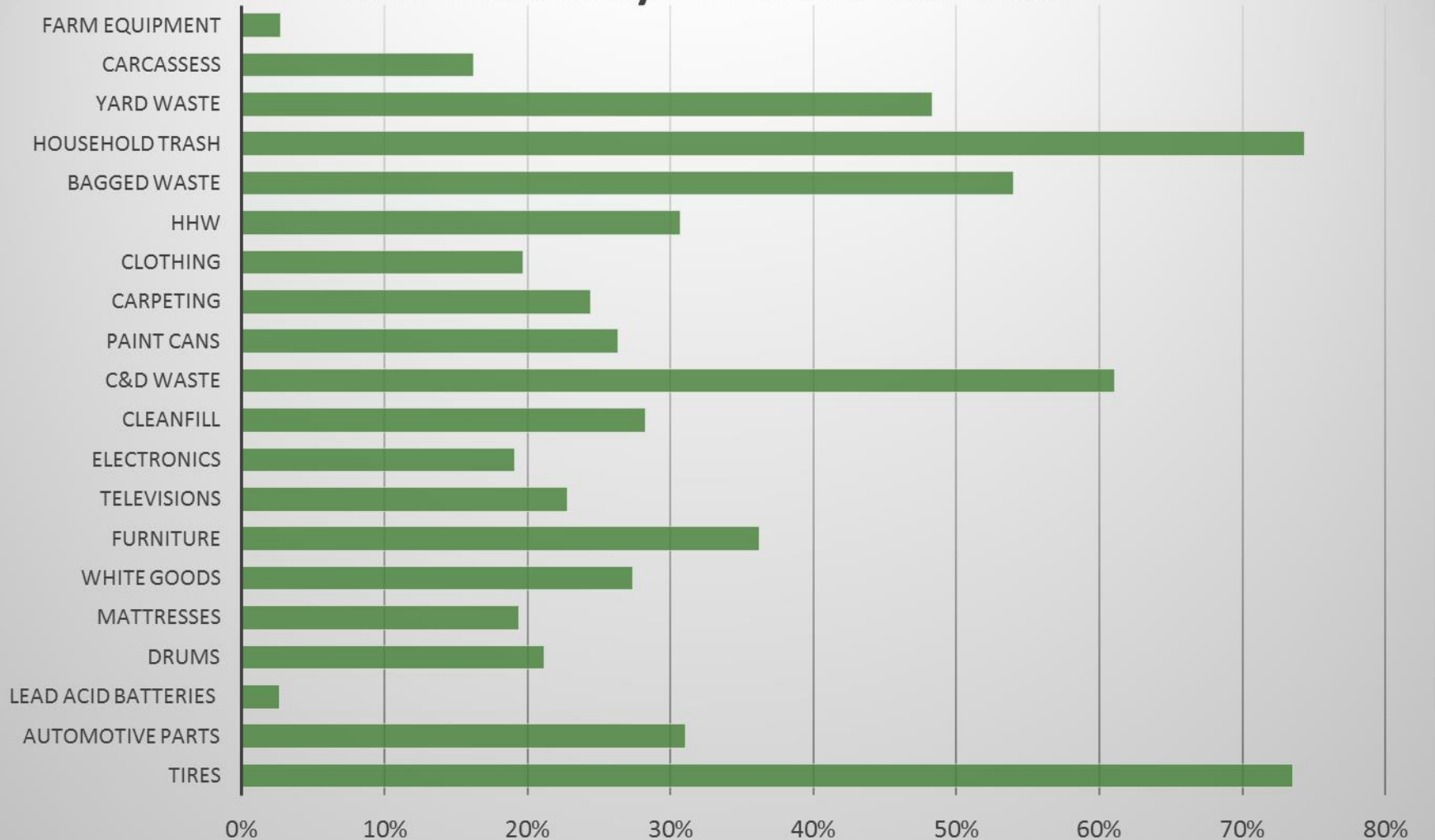
Illegal Dumping in Pennsylvania

Top Five Items Identified in Pennsylvania Illegal Dumps

- Household Trash
- Tires
- Construction and Demolition Waste
- Bagged Waste
- Yard Waste



Percentage of Active Illegal Dump Sites with Commonly Discarded Materials



Bagged Waste, carpeting and paint cans were counted as construction/demo waste.

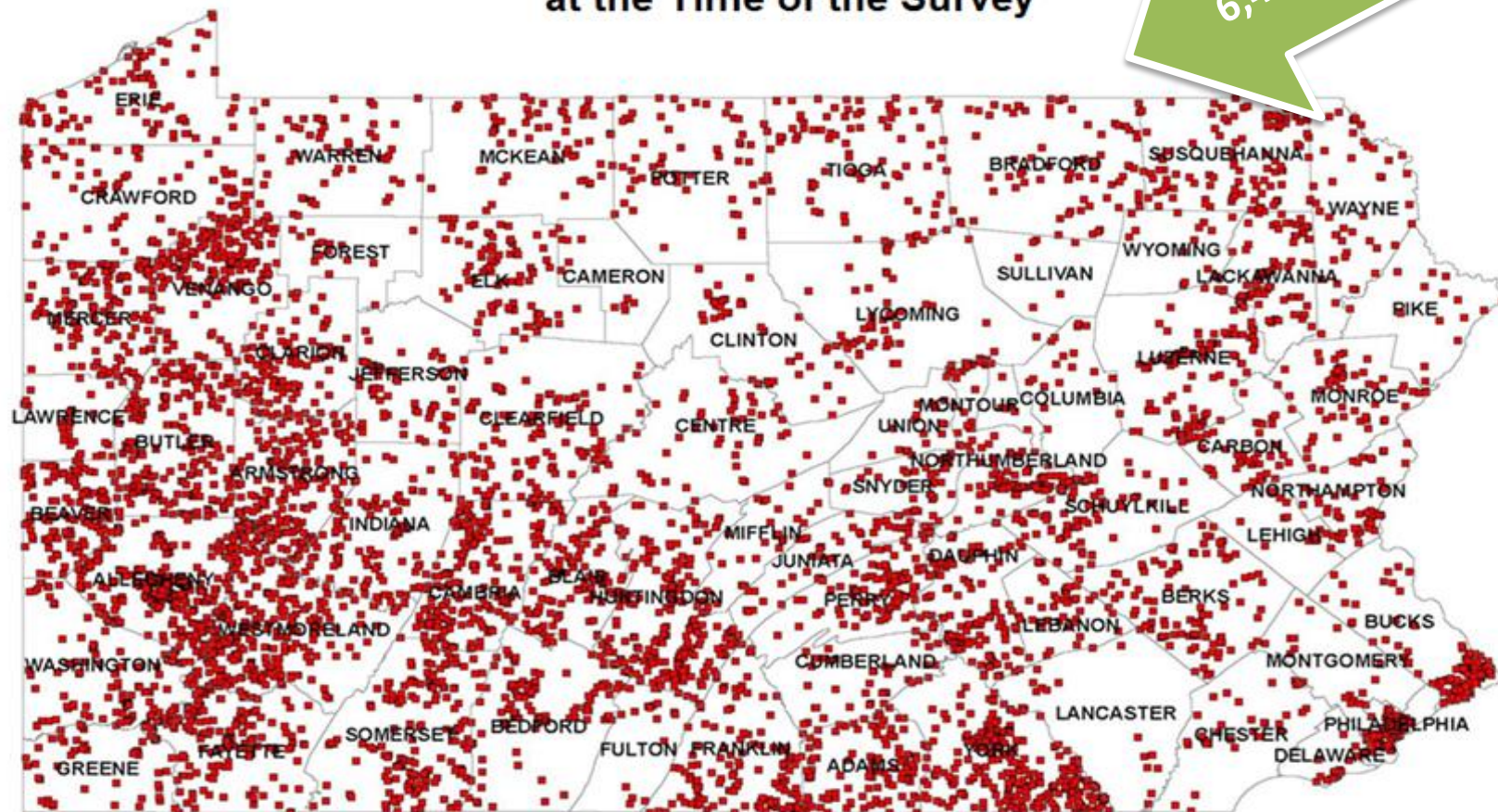
THE CYCLICAL DILEMMA

- Trash attracts trash.
- Cleanups must occur to reduce the impact on the environment.
- Cleaning up the sites absolves the dumper of responsibility.
- **Mechanisms to prevent and deter illegal dumping are critical.**



Pennsylvania Illegal Dumpsites by County at the Time of the Survey

6,487 Sites Identified



■ Illegal Dumpsites as of June 2013

0 12.5 25 50 75 100 Miles



© 2013 Keep Pennsylvania Beautiful
Map Prepared by Caesar deChicchis
UCSUR, University of Pittsburgh

Social Impacts

- Broken Window Theory
- Dumpsites attract criminal activity
- Meth lab remnants and one-pot meth labs pose serious risk



Environmental Impacts

- Pollutes our lands and waterways
- Breeds mosquitos and attracts rodents and other vermin
- Impedes water flow resulting in flooding



Economic Impacts

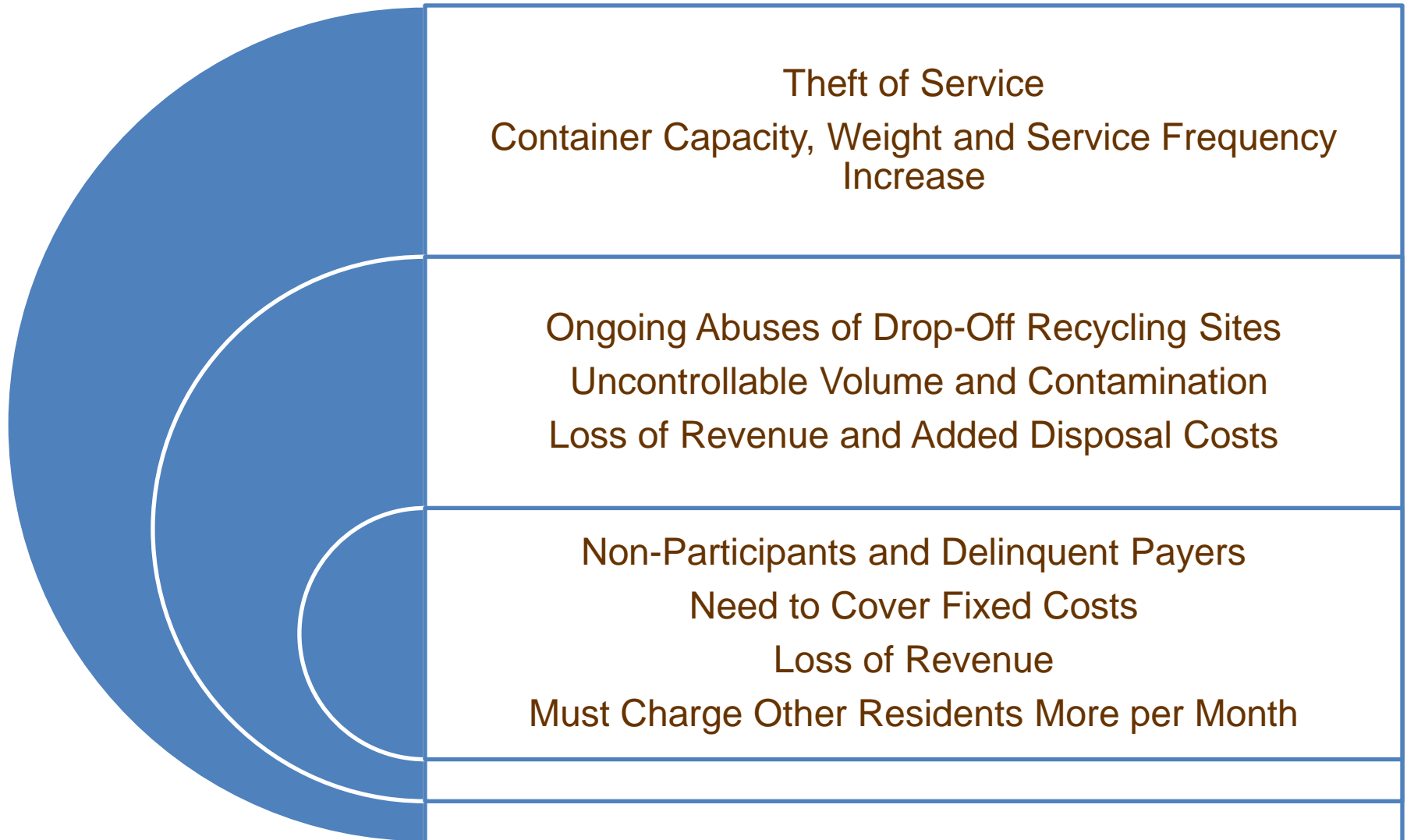
- Costs for cleanup, enforcement and deterrents
- Affects property value, purchases, and transfers
- Tourism revenue



Illegal dumping continues to plague the Commonwealth and have a costly impact:

- Between 2005 and 2013, nearly 6,500 illegal dump sites identified.
- Costs average **\$619 per ton**, a total of **\$2,947 per site** - or higher - to remediate.
- Investigations are time-consuming and labor-intensive.
- Illegal dumping occurs most frequently where the risk of detection and penalties are low, and where there is a lack of acceptable disposal or recycling outlets.

Implicit Costs of Illegal Dumping



Municipal Waste Service Offerings Inconsistencies & Inequities

- 2,562 Pennsylvania municipalities.
- Each may have their own variations of service and bidding requirements (OR NONE AT ALL).
- This makes waste management & recycling more complex, less efficient, and often costlier.
- Unclear expectations, and lack of education contribute to poor participation, contamination and illegal dumping.



Mandated Municipal Programs

Pennsylvania does **NOT** have mandatory trash collection

Act 101, the Municipal Waste Planning, Recycling and Waste Reduction Act mandates:

- Implementation of curbside recycling collection programs for municipalities with populations of 10,000, OR those with a population of 5,000 and a population density of 300 people per square mile.
- In 2006, Act 101 was amended by Act 140 that elevated responsibilities of mandated communities to curbside collection for municipal waste as well.

Enforcement of our Laws



Guidelines for Littering and Illegal Dumping Enforcement



5 Steps for Successful Enforcement

- ✓ Aimed at engaging the general public, advocates and volunteers in general
- ✓ Led various trainings through the years for stakeholder associations including professional recyclers, code enforcement officers, etc.
- ✓ Distributed more than **20,000** Copies

Progression of PA Laws

- The Solid Waste Management Act (Act 97, 1980)
- The Municipal Waste Planning and Waste Reduction Act (1988)
- Waste Tire Recycling Act (Act 190, 1996)
- Waste Transportation Safety Act (Act 90, 2002)
- Covered Device Recycling Act (Act 708, 2010)
- Local and or County Solid Waste Ordinances

How can Keep Pennsylvania Beautiful, a 501c3, support enforcement of Pennsylvania's existing illegal dumping and litter laws?

2013 Enforcement Partners Stakeholders Meeting

Conservation Officers of PA Association
Department of Conservation and Natural
Resources
Department of Environmental Protection
DEP Bureau of Investigations
Office of Attorney General

Pennsylvania Fish and Boat Commission
Pennsylvania Game Commission
Pennsylvania State Police
PennDOT
Various local partners and affiliates

1. **Training, Education, and Technical Assistance**
2. Public Messaging-Zero Tolerance Campaign
3. **Surveillance Support Programs**
4. Awards and Recognition

ILLEGAL DUMP FREE PA

The Surveillance Camera Loan Program - KPB provides a set of three motion activated security cameras that provide instant wireless transmission and camera training and installation assistance.

Mini-grants for Deterrents - Resources to help deter future dumping once enforcement actions have been taken and sites have been cleaned.

Education Resources - Tools to educate both community members and stakeholders about the economic and environmental impacts of illegal dumping.

ILLEGAL DUMP FREE PA

KPB has identified a cost-effective way for local law enforcement to obtain strong photographic evidence of illegal dumpers through low-cost cameras and wireless technology.

- Able to capture clear license plate photos, even at night
- User-friendly
- Concealable, lockable
- Instant wireless notification
- Usable, conviction-worthy footage



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ILLEGAL DUMP FREE PA



TV & microwave being illegally dumped.



COMMONWEALTH OF PENNSYLVANIA

CITATION NO.

NON-TRAFFIC CITATION P9782826-4

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF ALLEGHENY

Summary Trial Notice

1. Magisterial District Number 05-221	2. Docket Number	3. Social Security Number
4. Address of Magisterial District Office 295 MILLERS CREEK RD. DUNSMITH, PA 15115		
5. Driver's Number		
6. State		
7. Defendant's Name - First DANIEL		
8. Defendant's Address (Street-City-State-Zip) 1073 WOOD		
9. Race/Ethnicity (W) <input checked="" type="checkbox"/> White (A) <input type="checkbox"/> (B) <input type="checkbox"/> Black (H) <input type="checkbox"/> (I) <input type="checkbox"/> Native American (U) <input type="checkbox"/>		
14. JUVENILE <input type="checkbox"/> Yes <input type="checkbox"/> No		
15. Parents Notified <input type="checkbox"/> Yes <input type="checkbox"/> No		
18. Charge <input type="checkbox"/> Disorderly Conduct <input type="checkbox"/> Harassment <input type="checkbox"/> Retail Theft <input checked="" type="checkbox"/> Other PROHIBIT		
20. Nature of Offense PROHIBIT THAT DIS WASTA IN ON FORT		
30. Date 8-7-13	31. Time 1310	32. Date
36. Location FORT PIT		
39. Defendant's Signature - Acknowledges Record X		
42. I verify that the facts set forth in this citation of the Crimes Code (18 Pa.C.S. § 4001) OFFICER'S SIGNATURE [Signature]		
43. Station Address 2418 HILLTOP		
44. Offense Code	45. Property Record	
50. Victim's Name		
54. Victim's Address (Street-City-State-Zip Code)		
56. Remarks / Subpoena List ON 8-7-13 ABOVE AND MATERIAL COST FOR R		

2013-08-07 1:08:34 PM M 10/10

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ILLEGAL DUMP FREE PA



Able to capture clear license plate photos, even at night.



Surveillance Camera Loan Program

- Municipalities and non-profits are able to apply for the program.
- KPB provides technical assistance for installation.
- Surveillance kit includes:
 - Three cameras and accessories to capture both license plate and individual dumpers.
 - Built with black flash technology for night-time activity; one dedicated to license plates.
 - One with wireless technology that sends a picture via text to the registered cell phone when triggered.
 - Awareness tool kit.
- Opportunity to purchase equipment for ongoing use at end of loan period.

ILLEGAL DUMP FREE PA



Mini-grants for
Deterrents After Site
has been Cleaned





To apply for a surveillance camera kit, please see the information below. Representatives of Keep Pennsylvania Beautiful are also available to provide an overview of the program and technical assistance via phone or email.

Document Resource Center

- [Grant Application \(pdf\)](#) or fill out the online application
- [Permission to Enter Form \(pdf\)](#)
- [Keep Pennsylvania Beautiful Executive Summary \(pdf\)](#)
- [Guidelines for Littering and Illegal Dumping Enforcement \(pdf\)](#)
- [Progress Report \(xlsx\)](#) or fill out the online progress report
- [Program FAQ](#)
- [Camera FAQ](#)
- [Pennsylvania Littering and Illegal Dumping Law](#)
- [Pennsylvania Enforcement Agencies](#)
- [Illegal Dump Free PA Municipalities Toolkit \(pdf\)](#) – To access all documents in the Toolkit, right click and and save to your desktop

ILLEGAL DUMP FREE PA

Community Engagement



ILLEGAL DUMP FREE PA

The earned media generated through this program will increase public awareness of the harms and costs of illegal dumping. Hopefully, this will bring increased social pressure to do more to enforce and enhance existing laws – as well as educate and change the behavior of those committing this crime.



ILLEGAL DUMP FREE PA

Future Benefits

- Local governments could put public works budgets to better uses.
- Honest citizens and business owners could realize a price break.
- Resources could be dedicated to enhancing parks and recreational services.
- Local recycling drop-off collection programs could be more sustainable.

ILLEGAL DUMP FREE PA

This could have been new playground equipment.



ILLEGAL DUMP FREE PA

This could have been a program for seniors.



Lasting Thoughts

- Trash attracts trash
- **\$11.5** Billion are spent cleaning up litter and illegal dumping in the United States
- In Pennsylvania, **\$614/ton** and nearly **\$3,000**/community cleanup
- Strengthen enforcement

.....Questions?